

**WEST**

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L6: Entry 11 of 12

File: DWPI

Nov 27, 1979

DERWENT-ACC-NO: 1979-L4385B

DERWENT-WEEK: 197949

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TITLE: Explosion proof device for e.g. aerosol - comprises bimetallic plate, deformable to actuate aerosol valve to exhaust gas in response to excessive temp. rise

INVENTOR: FUKUDA, M

PRIORITY-DATA: 1976JP-0051274 (May 7, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4175678 A	November 27, 1979		000	

INT-CL (IPC): B65D 83/14

ABSTRACTED-PUB-NO: US 4175678A

BASIC-ABSTRACT:

The explosion proof device is for pressure accumulator, such as an aerosol container, having a valve portion comprising an action segment fixed in the vicinity of the valve portion. A part of the action segment is set in a state in which engagement with a valve of the valve portion occurs.

The action segment can open the valve intermittently or permanently by displacement of the valve portion and/or of the action segment itself, being caused by the temp. of the atmosphere in which the aerosol container is disposed.

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L6: Entry 10 of 12

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Mar 19, 1981

DERWENT-ACC-NO: 1981-D1283D

DERWENT-WEEK: 198114

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TITLE: Detachable spray attachment for aerosol - has rotor to set air flow to control spraying interval from valve exhaust

INVENTOR: HACHINOHE, Y

PRIORITY-DATA: 1979JP-0146718 (November 13, 1979), 1979JP-0117853 (September 17, 1979)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8100680 A	March 19, 1981	J	000	

INT-CL (IPC): B05B 9/04

ABSTRACTED-PUB-NO: WO 8100680A

BASIC-ABSTRACT:

The spray device is detachably attached to an aerosol container for automatically intermittently spraying aerosol solution. When the pressure in a pressure chamber (115) communicating with a gas phase interior (111) of the aerosol container (102) through a passage (110) and a controller (116) reaches the predetermined pressure by accumulated gas phase in the container (102), a pressing member (129) is oppositely bent. This presses a driven member (133) through a pressure-receiving projection (134).

The gas phase from the pressure chamber and the liquid phase from the container are sprayed through a nozzle (137). A rotor (128) controls the air flow rate of the controller to set the spraying interval. A valve (150) controls the gas exhaust time from the pressure chamber to control the spray time period of the spraying device.

**WEST**

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Posting Counts

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**Search Results -**

Term	Documents
AEROSOL	17142
AEROSOLS	3561
(AEROSOL AND 4 AND 2 AND 1).DWPI.	12
(AEROSOL AND L1 AND L2 AND L4).DWPI.	12

Database:

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EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Search:

L6

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**Search History**DATE: Saturday, June 21, 2003   [Printable Copy](#)   [Create Case](#)**Set Name Query**  
side by side**Hit Count Set Name**  
result set*DB=DWPI; PLUR=YES; OP=ADJ*

<u>L6</u>	aerosol and l1 and l2 and l4	12	<u>L6</u>
<u>L5</u>	l1 and l2 and l3 and L4	53	<u>L5</u>
<u>L4</u>	intermit\$7 or inter mit\$7	41578	<u>L4</u>
<u>L3</u>	aerosol or spray	131290	<u>L3</u>
<u>L2</u>	valve	465181	<u>L2</u>
<u>L1</u>	device	2110611	<u>L1</u>



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(FILE 'HOME' ENTERED AT 14:15:19 ON 21 JUN 2003)

FILE 'REGISTRY' ENTERED AT 14:17:00 ON 21 JUN 2003

L1 1 S VANCOMYCIN/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 14:21:09 ON 21 JUN 2003

L2 ~~151530 S CLINIC ACID OR CITRATE~~

L3 ~~2 S HI (P) L2~~

L4 117202 S AEROSOL

L5 2544004 S DEVICE

L6 527823 S VALVE

L7 163628 S INTERMIT? OR INTER MIT?

L8 1178 S L4 AND L5 AND L6 AND L7

L9 30 S L4 (P) L5 (P) L6 (P) L7